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Form C-105  
Revised 11-1-76

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Indicate Type of Lease  
State ☒ Fee ☐  
2. State Oil & Gas Lease No.  
B-1565

10. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
11. TYPE OF COMPLETION  
NEV. WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Part. or Lease Name

State "BD"

9. Well No.

2

13. Field and Pool, or Wildcat

Maljamar (G.SA)

2. Name of Operator  
Southland Royalty Company

3. Address of Operator

1100 Wall Towers West Midland, Texas 79701

4. Location of Well

UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE AND 2310 FEET FROM

THE East LINE OF SEC 7 TWP. 17-SRGE 33-E NMPM

15. Date Spud 3/14/81 16. Date T.B. Reached 3/27/81 17. Date Compl. (Ready to Prod.) 5/8/81 18. Elevations (DF, RKB, RI, GR, etc.) 4225.8'

19. Elev. Casinghead

20. Total Depth 4518' 21. Plug Back T.D. 4435'

22. If Multiple Compl., How Many

23. Intervals Drilled By

24. Producing interval(s), of this completion - Top, Bottom, Name

4231-4349' (Grayburg)

25. Type Electric and Other Logs Run

CNL/FDC/Gr-Caliper; DLL/MLL/Gr

26. CASING RECORD (Report all strings set in well)

CASING SIZE WEIGHT LB./FT. DEPTH SET HOLE SIZE CEMENTING RECORD AMOUNT PULLED

8 5/8" 24# 977' 12 1/4" 250 sxs Lite; 250 sxs Cl "C" Circ 45 sxs

5 1/2" 14 & 15.5# 4518' 7 7/8" 1200 sxs Cl "H" & 200 sxs TOC @ 1585 by

Cl "H" Thix-set Temp Svy

29. LINER RECORD

SIZE TOP BOTTOM SACKS CEMENT SCREEN

30. TUBING RECORD

SIZE DEPTH SET PACKER SET

2 3/8" 4418' 4388' (SN)

31. Perforation Record (Interval, size and number)

1 JSPF from 4470-4480'

1 JSPF from 4231-4234', 4238-4244',

4272-4306', 4310-4322',

4337-~~4349~~ 4349'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

4470-4480' Acdz w/1126 gals 15% NE acid.

4450' Set CIBP @ 4450 w/15' cmt

4231-4349' Acdz w/5000 gals 15% NE acid

4231-4349' Frac w/40,000 gals wtr & 46,700#

33. PRODUCTION

Date First Production 5/8/81 Production Method (Flowing, gas lift, pumping - Size and type pump) 20-40 sd & 2250 gals 15% NE acid

Date of Test 6/15/81 Hours Tested 24 Check Valve 2x1 1/2x16 Well Status (Prod. or Shut-in) Producing

Flow Testing Press. Casing Pressure 20 Oil - BEL. Gas - MCF Water - BEL. Gas - Oil Ratio 136

34. Disposition of Gas (Sold, used for fuel, vented, etc.) NA Test Witnessed By Wayne Grubbs

35. List of Attachments Logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE District Operations Engineer DATE 6/18/81

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 \_\_\_\_\_ after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All logs reported shall be measured depth. In the case of horizontally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 20 through 24 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                           |                        |                             |                         |
|---------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____             | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____             | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____             | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____            | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____         | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____            | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____ 4110'   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____ 4351' | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____         | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinobry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____             | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____         | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____              | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____         | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____            | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____  | T. _____               | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| No. 1, from _____ 4231' _____ to _____ 4349' _____ | No. 4, from _____ to _____ |
| No. 2, from _____ to _____                         | No. 5, from _____ to _____ |
| No. 3, from _____ to _____                         | No. 6, from _____ to _____ |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                                  |       |
|----------------------------------|-------|
| No. 1, from _____ to _____ feet. | _____ |
| No. 2, from _____ to _____ feet. | _____ |
| No. 3, from _____ to _____ feet. | _____ |
| No. 4, from _____ to _____ feet. | _____ |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation              | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|------------------------|------|----|----------------------|-----------|
| 0    | 365  | 365                  | Red beds               |      |    |                      |           |
| 365  | 1345 | 980                  | Red bed, shale         |      |    |                      |           |
| 1345 | 1445 | 100                  | Anhydrite              |      |    |                      |           |
| 1445 | 2460 | 1015                 | Anhydrite & salt       |      |    |                      |           |
| 2460 | 2645 | 185                  | Anhydrite & shale      |      |    |                      |           |
| 2645 | 2725 | 80                   | Anhydrite & gyp        |      |    |                      |           |
| 2725 | 2875 | 150                  | Anhydrite, shale & gyp |      |    |                      |           |
| 2875 | 3188 | 313                  | Anhydrite & gyp        |      |    |                      |           |
| 3188 | 4025 | 838                  | Anhydrite              |      |    |                      |           |
| 4026 | TD   | 492                  | Lime & limey sandstone |      |    |                      |           |

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